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SEASONAL INFLUENZA ACTIVITY

Influenza activity decreased but remained elevated in the U.S. 'Widespread' activity was reported by 10 states, and 'regional' was reported by 22 states including Michigan.

National News

- [More New Mexico children get flu vaccine than in rest of U.S.](#)
- [California health director confirms 278 influenza deaths](#)
- [Pregnant mother in Delaware dies from flu, child saved](#)
- CDC's [FluView](#) (week ending February 22, 2014)
 - 61 flu-associated pediatric deaths have been reported for the 2013-14 season

TRANSCRIPT FROM CDC FLU MEDIA BRIEFING

On February 20, CDC held a media conference reporting the interim flu vaccine effectiveness estimates for 2013-14. They also reported that people aged 18-64 represent 61% of all hospitalizations from flu this season, up from the previous three seasons. A full transcript and audio of the media conference is now [online](#).

INFLUENZA-RELATED JOURNAL ARTICLES

- [What convinces college students to get flu vaccines? Money and peers, economists say](#)
 - Financial incentive was most effective intervention to increase flu vaccinations among students
 - Peer messages most successful in delivering information about the vaccine
- [Influenza and pneumococcal vaccination and risk of stroke or transient ischemic attack - Matched case control study](#)
 - Flu vaccination within-season associated with 24% reduction in stroke risk
 - Stroke risk significantly lower with flu vaccination Sep. to mid-Nov., but not later flu vaccination
- [Hajj pilgrims may contribute to transmission of influenza](#)
- [Active surveillance for avian influenza virus, Egypt, 2010-12](#)
 - 10% of poultry samples tested positive for avian flu
 - First H9N2 in December 2011, first H5N1-H9N2 co-infections in March 2012, detected 151 co-infections

AVIAN INFLUENZA A (H7N9) NEWS AND ARTICLES

The global outbreak total is now at 378 cases and 114 deaths since February 2013. The [first case from Jilin province](#) was reported. Jilin lies well north of the main outbreak area and borders North Korea and Russia. The case is about 600 miles northeast of Beijing, the northernmost site where H7N9 cases have previously been detected.

Researchers from China suggest [H9N2](#) flu appears to be an 'incubator' for flu viruses of wild bird origin. H7N9 and H10N8 have internal genes from H9N2 viruses in poultry. They say reassortment between poultry H9N2 viruses and viruses from wild birds could trigger adaptation to domestic hosts.

- [Unique reassortant of H7N9 virus associated with severe disease emerging in Hong Kong](#)
- [Responses to threat of H7N9 and support for live poultry markets, Hong Kong, 2013](#)
- CIDRAP: [Poultry measures and vaccine news](#)
- [Probable longer incubation period for human infection with H7N9 in Jiangsu Province, China, 2013](#)
 - Looked at 27 cases from Jiangsu Province
 - Median incubation period was ~7.5 days, suggest health officials extend medical surveillance period from 7 days to 10 days
- [Role of poultry in spread of H7N9 in China](#)
 - Virus shedding in quail and chickens much higher and prolonged than in other bird species
- WHO: [Map and epidemiological curve of confirmed human cases of H7N9](#) (data as of Feb. 21)

AVIAN INFLUENZA A (H5N1) NEWS ARTICLES

- [Cambodia reports 2 more new human cases of bird flu](#)
- [Bird flu hits 21 provinces in Vietnam](#)
- [China confirms H5 case in 5-year-old](#)
- [Cambodia, Nepal report H5N1 outbreaks in poultry](#)
- [H5N1 leads to 20,000 poultry deaths in Vietnam](#)

OTHER INFLUENZA-RELATED NEWS

- [ACIP eyes preference for nasal-spray flu vaccine in kids](#)
- [WHO supports Egypt during severe influenza outbreak](#)

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

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